

**MSDS for: EN-115****Revised: 9-June-2004****SECTION 1:**

PRODUCT IDENTIFIER: EN-115 E-Z-NAILS ADHESIVE CAULK  
DATE OF PREPARATION: JUNE 9, 2004  
PRODUCT USE: ADHESIVE/CAULK

MANUFACTURED BY: MACCO ADHESIVES  
925 EUCLID AVENUE  
CLEVELAND, OHIO 44115, U.S.A.

ICI PAINTS (CANADA)  
8200 KEELE STREET  
CONCORD, ONTARIO L4K 2A5, CANADA

EMERGENCY AND MSDS TELEPHONE NUMBER: 1-800-545-2643

MSDS PREPARED BY: PRODUCT SAFETY AND TOXICOLOGY DEPARTMENT  
ICI PAINTS NORTH AMERICA

**SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS**

| INGREDIENT     |   | WT. %   |
|----------------|---|---------|
| CHEMICAL NAME: | ACRYLIC RESIN   | 20-30   |
| COMMON NAME:   | ACRYLIC RESIN   |         |
| CAS NUMBER:    | CONFIDENTIAL  |         |
| CHEMICAL NAME: | LIMESTONE   | 40-50   |
| COMMON NAME:   | LIMESTONE   |         |
| CAS NUMBER:    | 1317-65-3   |         |
| CHEMICAL NAME: | TITANIUM OXIDE  | 1-5     |
| COMMON NAME:   | TITANIUM DIOXIDE  |         |
| CAS NUMBER:    | 13463-67-7  |         |
| CHEMICAL NAME: | QUARTZ  | 0.1-1.0 |
| COMMON NAME:   | QUARTZ  |         |
| CAS NUMBER:    | 14808-60-7  |         |
| CHEMICAL NAME: | WATER   | 20-30   |
| COMMON NAME:   | WATER   |         |
| CAS NUMBER:    | 7732-18-5   |         |
| CHEMICAL NAME: | 1,2-BENZENEDICARBOXYLIC ACID, BUTYL<br>PHENYLMETHYL ESTER | 1-5     |
| COMMON NAME:   | BUTYL BENZYL PHTHALATE                                    |         |
| CAS NUMBER:    | 85-68-7   |         |

**SECTION 3: HAZARDS IDENTIFICATION**

PRIMARY ROUTE(S) OF EXPOSURE: INHALATION, SKIN CONTACT, EYE CONTACT,  
INGESTION

## EFFECTS OF OVEREXPOSURE

|               |   |
|---------------|---|
| INHALATION:   | IRRITATION OF RESPIRATORY TRACT. PROLONGED INHALATION MAY LEAD TO COUGHING.   |
| SKIN CONTACT: | IRRITATION OF SKIN.   |
| EYE CONTACT:  | IRRITATION OF EYES. PROLONGED OR REPEATED CONTACT CAN CAUSE TEARING OF EYES, REDNESS OF EYES.   |
| INGESTION:    | INGESTION MAY CAUSE MOUTH AND THROAT IRRITATION, NAUSEA, GASTRO-INTESTINAL DISTURBANCES, ABDOMINAL PAIN. MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE EYE, SKIN, RESPIRATORY DISORDERS, RESPIRATORY DISORDERS. |

## SECTION 4: FIRST-AID MEASURES

|               |   |
|---------------|---|
| INHALATION:   | REMOVE TO FRESH AIR. RESTORE AND SUPPORT CONTINUED BREATHING. GET EMERGENCY MEDICAL ATTENTION. HAVE TRAINED PERSON GIVE OXYGEN IF NECESSARY. GET MEDICAL HELP FOR ANY BREATHING DIFFICULTY. REMOVE TO FRESH AIR IF INHALATION CAUSES EYE WATERING, HEADACHES, DIZZINESS, OR OTHER DISCOMFORT. |
| SKIN CONTACT: | WASH THOROUGHLY WITH SOAP AND WATER. IF ANY PRODUCT REMAINS, GENTLY RUB PETROLEUM JELLY, VEGETABLE OR MINERAL/BABY OIL ONTO SKIN. REPEATED APPLICATIONS MAY BE NEEDED. REMOVE CONTAMINATED CLOTHING. WASH CONTAMINATED CLOTHING BEFORE RE-USE.  |
| EYE CONTACT:  | FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER, ESPECIALLY UNDER LIDS FOR AT LEAST 15 MINUTES. IF IRRITATION OR OTHER EFFECTS PERSIST, OBTAIN MEDICAL TREATMENT.   |
| INGESTION:    | IF SWALLOWED, OBTAIN MEDICAL TREATMENT IMMEDIATELY.   |

## SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT (SETA): ABOVE 200F/93C      LOWER EXPLOSIVE LIMIT: NOT AVAILABLE  
UPPER EXPLOSIVE LIMIT: NOT AVAILABLE

FIRE EXTINGUISHING MEDIA: DRY CHEMICAL OR FOAM, WATER FOG, CARBON DIOXIDE

## UNUSUAL FIRE AND EXPLOSION HAZARDS

CLOSED CONTAINERS MAY BURST IF EXPOSED TO EXTREME HEAT OR FIRE. FIRE FIGHTING PROCEDURES WATER MAY BE USED TO COOL AND PROTECT EXPOSED CONTAINERS. FIREFIGHTERS SHOULD USE FULL PROTECTIVE CLOTHING, EYE PROTECTION, AND SELF-CONTAINED BREATHING APPARATUS.

## HAZARDOUS DECOMPOSITION OR COMBUSTION PRODUCTS

CARBON MONOXIDE, CARBON DIOXIDE, ACRYLIC MONOMERS,  
OXIDES OF CALCIUM

## SECTION 6: ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

COMPLY WITH ALL APPLICABLE HEALTH AND ENVIRONMENTAL REGULATIONS.  
VENTILATE AREA. SPILLS MAY BE COLLECTED WITH ABSORBENT MATERIALS. PLACE  
COLLECTED MATERIAL IN PROPER CONTAINER.

## SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: STORE BELOW 100F (38C). KEEP FROM FREEZING.

OTHER PRECAUTIONS

USE ONLY WITH ADEQUATE VENTILATION. DO NOT TAKE INTERNALLY. KEEP OUT OF  
REACH OF CHILDREN. AVOID CONTACT WITH SKIN AND EYES, AND BREATHING OF  
VAPORS. WASH HANDS THOROUGHLY AFTER HANDLING, ESPECIALLY BEFORE EATING OR  
SMOKING. KEEP CONTAINERS TIGHTLY CLOSED AND UPRIGHT WHEN NOT IN USE.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

|              |                        |                      |
|--------------|------------------------|----------------------|
| COMMON NAME: | LIMESTONE              |                      |
| CAS NUMBER:  | 1317-65-3              |                      |
| ACGIH(TWA):  | 10 MG/M3               | OSHA(TWA): 5 MG/M3   |
| COMMON NAME: | TITANIUM DIOXIDE       |                      |
| CAS NUMBER:  | 13463-67-7             |                      |
| ACGIH(TWA):  | 10 MG/M3               | OSHA(TWA): 10 MG/M3  |
| COMMON NAME: | QUARTZ                 |                      |
| CAS NUMBER:  | 14808-60-7             |                      |
| ACGIH(TWA):  | 0.05MG/M3              | OSHA(TWA): 0.1 MG/M3 |
| COMMON NAME: | BUTYL BENZYL PHTHALATE |                      |
| CAS NUMBER:  | 85-68-7                |                      |
| ACGIH(TWA):  | 5 MG/M3                | OSHA(TWA): 5 MG/M3   |

### RESPIRATORY PROTECTION

WHERE RESPIRATORY PROTECTION IS REQUIRED, USE ONLY NIOSH/MSHA  
APPROVED RESPIRATORS IN ACCORDANCE WITH OSHA STANDARD 29 CFR  
1910.134.

### VENTILATION

PROVIDE DILUTION VENTILATION OR LOCAL EXHAUST TO PREVENT  
BUILD-UP OF VAPORS.

## PERSONAL PROTECTIVE EQUIPMENT

EYE WASH, SAFETY SHOWER, SAFETY GLASSES OR GOGGLES,  
IMPERVIOUS GLOVES, IMPERVIOUS CLOTHING

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

|                      |                 |                      |                  |
|----------------------|-----------------|----------------------|------------------|
| VAPOR PRESSURE:      | NOT AVAILABLE   | SPECIFIC GRAVITY:    | 1.500            |
| BOILING RANGE (F/C): | 212-698/100-370 | WEIGHT PER GALLON:   | 12.49/ 15.00 IMP |
| APPEARANCE:          | WHITE           | %VOLATILE BY VOLUME: | 36.07            |
| PHYSICAL STATE:      | PASTE           | SOLUBLE IN WATER:    | Y                |
| PH:                  | 7.95            |                      |                  |

## SECTION 10: STABILITY AND REACTIVITY

UNDER NORMAL CONDITIONS: STABLE (SEE SECTION 5 FIRE FIGHTING MEASURES)

MATERIALS TO AVOID: ACIDS

CONDITIONS TO AVOID: ELEVATED TEMPERATURES, FREEZING

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

## SECTION 11: TOXICOLOGICAL INFORMATION

|                            |                       |         |         |          |
|----------------------------|-----------------------|---------|---------|----------|
| COMMON NAME:               | LIMESTONE             |         |         |          |
| CAS NUMBER:                | 1317-65-3             |         |         |          |
| CARCINOGENICITY LISTED BY: | NTP NO                | IARC NO | OSHA NO | ACGIH NO |
| LD50:                      | 6450.00 MG/KG ORL RAT |         |         |          |

|                            |                           |         |         |          |
|----------------------------|---------------------------|---------|---------|----------|
| COMMON NAME:               | TITANIUM DIOXIDE          |         |         |          |
| CAS NUMBER:                | 13463-67-7                |         |         |          |
| CARCINOGENICITY LISTED BY: | NTP NO                    | IARC NO | OSHA NO | ACGIH NO |
| LD50:                      | 24.00 GM/KG ORL RAT       |         |         |          |
| LC50:                      | 6820.00 MG/M3/4HR IHL RAT |         |         |          |

|                            |            |            |         |          |
|----------------------------|------------|------------|---------|----------|
| COMMON NAME:               | QUARTZ     |            |         |          |
| CAS NUMBER:                | 14808-60-7 |            |         |          |
| CARCINOGENICITY LISTED BY: | NTP YES    | IARC YES 1 | OSHA NO | ACGIH NO |

|                            |                        |         |         |          |
|----------------------------|------------------------|---------|---------|----------|
| COMMON NAME:               | BUTYL BENZYL PHTHALATE |         |         |          |
| CAS NUMBER:                | 85-68-7                |         |         |          |
| CARCINOGENICITY LISTED BY: | NTP NO                 | IARC NO | OSHA NO | ACGIH NO |
| LD50:                      | 2330.00 MG/KG ORL RAT  |         |         |          |
| LD50:                      | 6700.00 MG/KG SKN RAT  |         |         |          |

## SUPPLEMENTAL HEALTH INFORMATION

NO ADDITIONAL EFFECTS ARE ANTICIPATED

CARCINOGENICITY: CONTAINS CRYSTALLINE SILICA WHICH IS CONSIDERED A HAZARD BY INHALATION. IARC HAS CLASSIFIED CRYSTALLINE SILICA AS CARCINOGENIC TO HUMANS (GROUP 1). CRYSTALLINE SILICA IS ALSO A KNOWN CAUSE OF SILICOSIS, A NONCANCEROUS LUNG DISEASE. THE NATIONAL TOXICOLOGY PROGRAM (NTP) HAS CLASSIFIED CRYSTALLINE SILICA AS A KNOWN HUMAN CARCINOGEN.

REPRODUCTIVE EFFECTS: NO REPRODUCTIVE EFFECTS ARE ANTICIPATED

MUTAGENICITY: NO MUTAGENIC EFFECTS ARE ANTICIPATED

TERATOGENICITY: NO TERATOGENIC EFFECTS ARE ANTICIPATED

## SECTION 12: ECOLOGICAL INFORMATION

NO ECOLOGICAL TESTING HAS BEEN DONE BY ICI PAINTS ON THIS PRODUCT AS A WHOLE.

## SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: DISPOSE IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS. AVOID DISCHARGE TO NATURAL WATERS.

## SECTION 14: TRANSPORT INFORMATION

DOT: CAULKING COMPOUND

IMDG: AEROSOLS, CLASS 2, UN1950, (BARRIER PACK CAN- PROPELLANT: LIQUEFIED PETROLEUM GAS, CLASS 2.1, UN 1075, FP-17 DEG C. ERG 115, EMS F-E, S-U, MFAG TB 1 THR15)

IATA: NOT AVAILABLE

TDG: NOT AVAILABLE

## SECTION 15: REGULATORY INFORMATION

|                                     |             |             |                 |                      |                  |
|-------------------------------------|-------------|-------------|-----------------|----------------------|------------------|
|                                     | SARA<br>302 | SARA<br>313 | CERCLA<br>302.4 | HAZ AIR<br>POLLUTANT | MARINE<br>POLYNT |
| CAS NUMBER: 85-68-7                 | NO          | NO          | YES             | NO                   |                  |
| COMMON NAME: BUTYL BENZYL PHTHALATE |             |             |                 |                      |                  |

AS OF THE DATE OF THIS MSDS, ALL OF THE COMPONENTS IN THIS PRODUCT ARE LISTED (OR ARE OTHERWISE EXEMPT FROM LISTING) ON THE TSCA INVENTORY. THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CPR (CONTROLLED PRODUCTS REGULATIONS) AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY THE CPR.

## **SECTION 16: OTHER INFORMATION**

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA AVAILABLE AT THE TIME OF PREPARATION OF THIS DATA SHEET AND WHICH ICI PAINTS BELIEVES TO BE RELIABLE. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THIS DATA. ICI PAINTS SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS INFORMATION, OR OF ANY PRODUCT, METHOD OR APPARATUS MENTIONED AND YOU MUST MAKE YOUR OWN DETERMINATION OF ITS SUITABILITY AND COMPLETENESS FOR YOUR OWN USE, FOR THE PROTECTION OF THE ENVIRONMENT, AND THE HEALTH AND SAFETY OF YOUR EMPLOYEES AND USERS OF THIS MATERIAL. COMPLIES WITH OSHA HAZARD COMMUNICATION STANDARD 29CFR1910.1200.